

REMARKS

Claims 1-12 are pending and under consideration. Claims 2, 5-7 and 9-10 are objected to.

Independent claim 1 (used as an example) recites first and second compression chambers having different volumes. The Examiner relies upon the cylinders 32, 34 of Loprete as corresponding to the claimed compression chambers. However, there is no teaching in the reference that these elements have different volumes. Instead, inspection of Fig. 1 of the reference indicates that these elements have at least a similar volume.

Independent claim 1 also recites a rotating shaft to rotate in the compressing chambers. In contrast, Loprete includes pistons 26, 28 to move linearly in the cylinders 32, 34 and crankshaft 42 to rotate outside of the chamber.

Independent claim 8 recites first and second sleeves in the first and second chambers. The Examiner relies upon elements 48, 50 and 58 of Loprete. However, elements 48, 58 are connecting rods, as opposed to being sleeves.

The remaining references do not overcome these deficiencies.

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

Serial No. 10/804,171

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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